GOVERNMENT OF INDIA
URBAN DEVELOPMENT AND POVERTY ALLEVATION
LOK SABHA

UNSTARRED QUESTION NO:165
ANSWERED ON:20.02.2001
CONSTRUCTION OF EARTHQUAKE RESISTANT BUILDINGS
SHIVRAJ SINGH CHOUHAN;VIJAY KUMAR KHANDELWAL

Will the Minister of URBAN DEVELOPMENT AND POVERTY ALLEVATION be pleased to state:

(a) whether the Government are aware of the ongoing construction of high rise buildings in various areas of the capital;

(b) if so, whether it is mandatory to obtain the environmental clearance, ensuring basic facilities and provision of making earthquake resistant buildings at the time of clearing building plan;

(c) if so, the details thereof; and

(d) if not, the steps taken/proposed to be taken by the Government in this regard?

Answer

MINISTER OF URBAN DEVELOPMENT & POVERTY ALLEVIATION (SHRI JAGMOHAN)

(a): Yes, Sir.

(b)to(d): Presently, clearance of building plans in Delhi are accorded as per the Building Bye-laws, 1983 applicable in Delhi. Clearances of the Chief Fire Officer, Govt.of NCT of Delhi, Delhi Urban Arts Commission, Airport Authority of India and Delhi Pollution Control Board are also taken at the time of clearing building plans and issue of occupancy certificates wherever required under the existing provisions.

However, to provide for requisite safety measures in construction of buildings in Delhi in respect of natural hazards by way of earthquake, a Public Notice has been issued on 1.2.2001 proposing suitable modifications/additions in Clause 18 of Part-III (Structural Safety and Services) of the Building Bye-Laws, 1983. A copy of the same is at Annexure-I.

ANNEXURE-I

ANNEXURE REFERRED TO IN REPLY TO PARTS (b) TO (d) OF LOK SABHA UNSTARRED QUESTION NO.165 FOR 20.2.2001.

NO.K-12016/5/79-DDIA/VA/IB
Government of India
Ministry of Urban Development & Poverty Alleviation

(Delhi Division)

Nirman Bhavan, New Delhi.
dated the 1st Feb.,2001
To

The Media Officer,
DAVP,
PTI Building,
Parliament Street,
New Delhi.

Sub.:- Request for publishing the Government Public Notice.

Sir,

Please find enclosed herewith a copy of Government Notice for publication in the daily newspapers such as The Hindustan Times. The Indian Express, The Times of India, The Navbharat Times and The Jansatta immediately.

Yours faithfully,
Sd/-

(R.C. Nayak
Encl: As above (three copies) Under Secretary (DDVA)

Copy to:

1. The Vice-Chairman, Delhi Development Authority, Vikas Bhavan, INA, New Delhi

2. The Commissioner, MCD, Town Hall, Delhi.

3. The Chairman, NDMC, Palika Kendra, New Delhi.

4. The Pr. Secretary(UD), GNCTD, IP Estate, New Delhi

Sd/-

(R.C. Nayak)
Under Secretary (DDVA)

MINISTRY OF URBAN DEVELOPMENT AND POVERTY ALLEVIATION

(DELHI DIVISION)

PUBLIC NOTICE

NEW DELHI, THE 01 FEBRUARY, 2001

The matter of making suitable provision in the Building Bye-Laws, 1983 to ensure that the buildings that are erected in Delhi provide for the requisite safety features in respect of natural hazard by way of earthquake has been under the consideration of Government. The following modifications/additions which the Central Government propose to make in the Building Bye-Laws, 1983 in this regard are hereby published for public information. Any person having any objection or suggestion may send the same in writing to the Under Secretary, Delhi Division, Ministry of Urban Development & Poverty Alleviation, Nirman Bhavan, New Delhi-110 011 within a period of 30 days from the date of this notice. The person making the objection or suggestion should also give his name and address.

Modification:

(i) Clause 18 of Part - III (Structural safety and

Services) of the Building Bye-laws, 1983 will be modified as

` 18. The structural design of foundation, masonry, timber, plain concrete, reinforced concrete, pre-stressed concrete and structural steel shall be carried out in accordance with Part-VI Structural Design, Section 1 - Loads, Section 2 - Foundation, Section 3 - Wood, Section 4 - Masonry, Section 5 - Concrete, Section 6 - Steel of National Building Code of India, taking into consideration the Indian Standards given in Annexure-A for earthquake protection of buildings.`

(Note: Whenever an Indian Standards or the National Building Code is referred, the latest provision in the Indian Standard should be adhered to.)

(ii) An additional Sub-Clause is proposed to be added under Clause 6.2.9. (Documents to accompany application for building permit) of Building Bye-Laws as follows:

`i) The certificate as indicated at Annexure-B to be signed by the owner and the architect.`

(No.K-12016/5/79/DDIA/VA/IB)
Sd/-
R.C. Nayak, Under Secretary
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ANNEXURE-A

LIST OF INDIAN STANDARDS/GUIDELINES FOR HAZARD SAFETY

For Earthquake Protection

1. IS:1893-1984 `Criteria for Earthquake Resistant Design of Structures (Fourth Revision)` June 1986.

2. IS:13920-1993 `Ductile Detailing of Reinforced Concrete Structures subjected to Seismic Forces Code of Practice` November 1993

3. IS:4326-1993 `Earthquake Resistant Design and Construction of Buildings - Code of Practice (Second Revision)` October 1993

4. IS: 13828-1993 `Improving Earthquake Resistance of Low Strength Masonry Buildings - Guidelines` August 1993

5. IS:13827-1993 `Improving Earthquake Resistance of Earthen Buildings - Guidelines`, October 1993

6. IS:13935-1993 `Repair and Seismic Strengthening of Buildings- Guidelines`, November, 1993.

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ANNEXURE-B

Certificates: The following certificates are to be submitted along with the building drawings while submitting the plans:

1. Certified that the building plans submitted for approval satisfy the safety requirements as stipulated under para 18 and the information given therein is factually correct to the best of our knowledge and understanding.

2. It is also certified that the structural design including safety from natural hazards has been prepared by duly qualified structural engineer.

Signature of Owner with date_____ Signature of the_____
Name in Block Letters_____ Architect with date_____
Address_____ Name in Block Letters___
Address_____